

WHAT IS CLAIMED IS:

1. An input device comprising:
 - a plurality of electrodes arranged in a
5 circumferential direction at equal intervals and having a
predetermined area;
an insulating sheet laminated on surfaces of the
respective electrodes; and
capacitance detecting means for detecting a variation
10 of capacitance from the respective electrodes when the
human body is adjacent to or in contact with the external
surface of the insulating sheet.
2. The input device according to Claim 1,
15 wherein the capacitance detecting means comprises:
clock signal generating means for generating a clock
signal;
delay means for delaying the clock signal according
to the capacitance detected from the electrode when the
20 human body is adjacent to or in contact with the external
surface of the insulating sheet;
smoothing means for generating a signal according to
the delayed amount, based on the clock signal which does
not pass through the delay means; and
25 A/D converting means for analog-to-digital converting
the signal according to the amount of the variation of
capacitance.

3. The input device according to Claim 2,
wherein the delay means, the smoothing means, and the
A/D converting means are provided in each of the
plurality of electrodes, respectively.

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4. The input device according to Claim 1,
wherein the capacitance detecting means detects a
variation of the facing area between an electrode and the
human body.

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5. The input device according to Claim 1,
wherein the capacitance detecting means detects the
time when the electrode faces the human body.

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6. The input device according to Claim 1,
wherein the capacitance detecting means detects
switching information on the plurality of electrodes
simultaneously tapped.

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7. The input device according to Claim 1,
wherein portions of the surface of the insulating
sheet that are opposite to the electrodes are concaved or
convexed from the surface of the insulating sheet.

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8. The input device according to Claim 1,
wherein the entire operation region in which the
plurality of electrodes is provided is concaved or
convexed from regions other than the operation region.

9. The input device according to Claim 8,
wherein marks for indicating positions of the
respective electrodes are printed on the surface of the
5 insulating sheet.

10. The input device according to Claim 1,
wherein a region in which the plurality of electrodes
is formed is provided with a rotating body rotating
10 around the center of thereof.